TITLE: YERSINIA SPECIES COMPOSITION Inventor: Nilles et al. Docket No.: 3128-6046US

	3 2 3
	(SEQ ID NO:12) (SEQ ID NO:17) (SEQ ID NO:18) (SEQ ID NO:4) (O:19)
	АААА
50 DNPAL DNPAL DNPAL DNPAL	
1 MSNFSGFTKGTDTADLDAVAQTLKKPADDANKAVNDSTAALKDKPDNPAL MSNFSGFTKGTDTADLDAVAQTLKKPADDANKAVNDSTAALKDKPDNPAL MSNFSGFTKGTDTADLDAVAQTLKKPADDANKAVNDSTAALKDKPDNPAL MSNFSGFAKGTDTTDAVAQTLKKPADDANKAVNDSTAALKDTPDNPAL MSNFSGFAKGTDTTDLDAVAQTLKKPADDANKAVNDSTAALKDTPDNPAL MSNFSGFTKGTDTADLDAVAQTLKKPADDANKAVNDSTAALKDTPDNPAL	95 LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFFLEHHHHHH LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFF LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFF LADLQHSINKWSVIYNMSTIVRSMKDLMQGILQKFF LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFF LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFF LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFF
SIAA SIAA SIAA SIAA	Р Р Р Р Р Р Р Р Р Р Р Р Р Р Р Р Р Р Р
AVND AVND AVND AVND	LOKE LOKE LOKE LOKE LOKE
DANK DANK DANK DANK DANK	MOGI MOGI MOGI
KPAD KPAD KPAD KPAD	MKDE MKDE MKDE MKDE
OTLK OTLK OTLK OTLK OTLK	TVRS TVRS TVRS IVRS
DAVA DAVA DAVA DAVA	TSNI TSNI TSNI TSNI
TADI TADI TADI TADI	VIYN VIYN VIYN VIYN
TKGTI TKGTI TKGTI TKGTI	NKWS NKWS NKWS NKWS
FSGE FSGE FSGE FSGE	LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFPLE LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFP LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFP LADLQHSINKWSVIYNMSSTIVRSMKDLMQGILQKFP LADLQHSINKWSVIYNINSTIVRSMKDLMQGILQKFP
1 MSNI MSNI MSNI MSNI MSNI	LADI LADI LADI LADI
$\begin{pmatrix} 1 \\ 1 \\ 1 \end{pmatrix}$	(51) (51) (51) (51) (51)
Ht-YscF is KIM5 is CO92 olitica nsensus	Ht-YscF is KIM5 is C092 olitica nsensus
Ht-YscF Y pestis KIM5 Y. pestis C092 enterocolitica Consensus	Ht-YscF - Y pestis KIM5 - Y. pestis CO92 . enterocolitica Consensus
pes pes tero	e p P e
Ht-YscF YscF - Y pestis KIM5 scF - Y. pestis CO92 - Y. enterocolitica Consensus	YscF - Y scF - Y. - Y. ent
Yscf Yscf F - Y	YscF YscF YscF - Y
YSCF	YSCF

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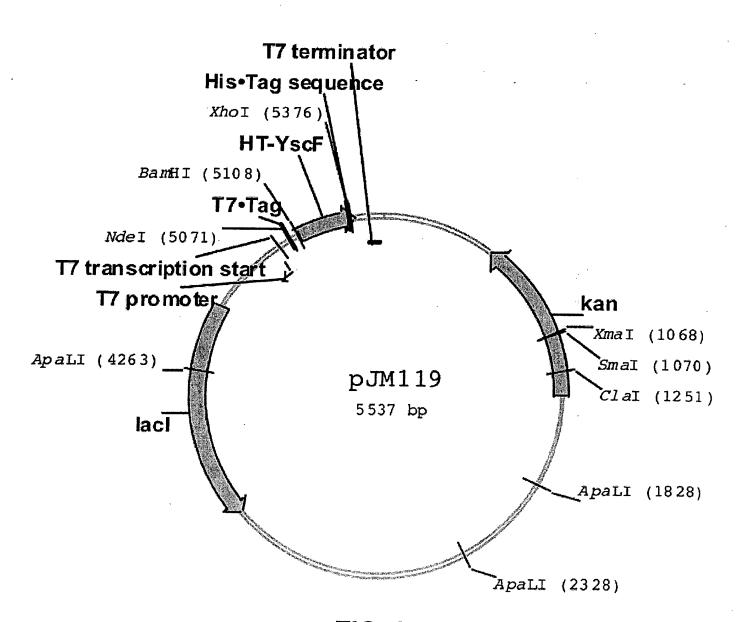
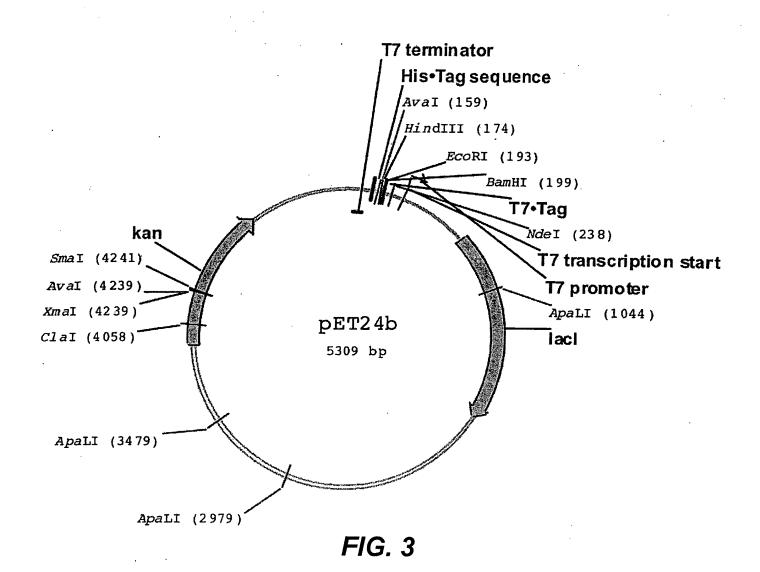
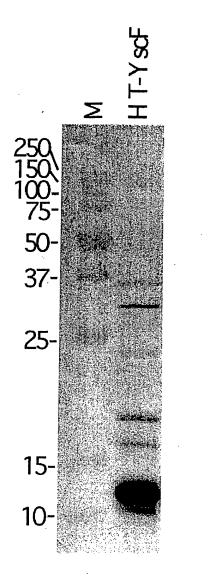


FIG. 2

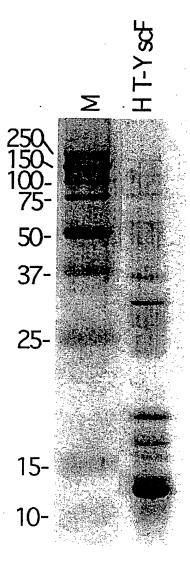
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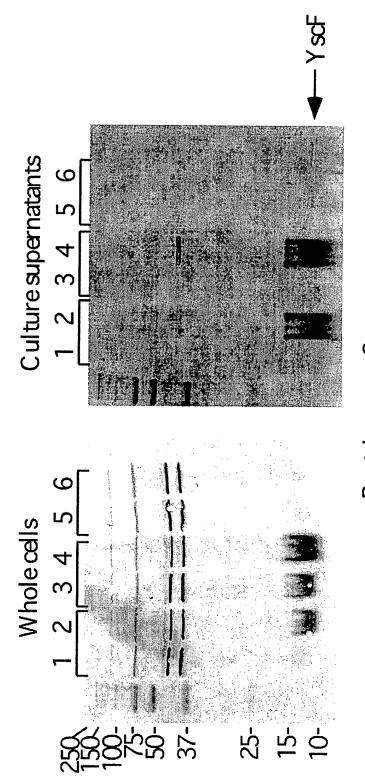
Penta-H is Antibody FIG. 4A



G el Code Blue Stain FIG. 4B

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Post-immune Serum

FIG. (